

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1639	250/370.08,370.09.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L6	6568	sigma adj delta	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:43
L7	2	5 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:42
L8	22	sigma adj delta with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:44
L9	22	(sigma adj delta) with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 13:27
L11	2	x-ray and (sigma adj delta) with pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 09:47
L12	475	(sigma adj delta) with (\$3pixel element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 13:27
L13	59	cascade and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:20

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L14	11	(sigma adj delta).ab. and x-ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:21
L15	64	SD near modulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L16	2	SD near modulator with (pixel element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:38
L17	8	15 and (x-ray CT imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/09/26 14:39


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sigma delta modulator pixel x-ray CT

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All Results[V Larionov](#)[C Brocksopp](#)[R Fender](#)[J Lin](#)[G Johansen](#)
Data acquisition system using **delta-sigma** analog-to-digital signal converters - all 6 versions »

BM Gordon, H Weedon, LR Poulo, MH Miller - US Patent 6,657,571, 2003 - Google Patents
 ... and the brightness value of each **pixel** is set ... Patent uses a **delta-sigma modulator** and FIR digital filter ... function of both the noise level of the **X-ray** flux and ...

Cited by 8 - [Related Articles](#) - [Web Search](#)

Optimal channel filter for **CT** system with wobbling focal spot - all 2 versions »

E Dolazza, H Weedon - US Patent 5,841,829, 1998 - Google Patents
 ... The result is an array of **pixels** of differing ... time to reject the digitization noise of the **sigma-delta modulator**. ... of a focal spot wobbling **x-ray** source and ...

Cited by 3 - [Related Articles](#) - [Web Search](#)

Design and Evaluation of a CMOS-Photosensor with In-Pixel **Sigma-Delta Modulator** for **X-ray** Computed ...

C Baumer, S Eick, R Steadman, G Vogtmeier, M Gnade ... - Solid-State Circuits Conference, 2006. ESSCIRC 2006. ..., 2006 - [ieeexplore.ieee.org](#)
 ... and Evaluation of a CMOS-Photosensor with In-Pixel **Sigma-Delta Modulator** for **X-ray** Computed Tomography ... has been designed for data readout in **CT** scanners. ...

Cited by 1 - [Related Articles](#) - [Web Search](#)

Measurement of the Spatial Coherence Function of Undulator Radiation using a Phase Mask - all 6 versions »

..., AG Peele, PJ McMahon, CT Chantler, KA Nugent, B ... - Physical Review Letters, 2003 - APS

... $c \frac{n}{\Omega} \frac{\pi}{2} f_{\text{eff}} \sim u f_{\text{eff}} \sim k n \Sigma$; (3) where ... $R G \Delta \sim r_0 = z d \Theta P \Delta \sim r \frac{\pi}{2}$... The **modulation** transfer function (MTF) of the CCD camera system was ...

Cited by 17 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Design and test of an integrated **Sigma-Delta** analog-to-digital converter for **X-ray** Computed ... - all 2 versions »

C Bäumer, M Gnade, A Kemna, R Steadman, G ... - Nuclear Instruments and Methods in Physics Research Section ..., 2007 - Elsevier
 ... cost-effective data readout for **X-ray CT**, a monolithic ... array of photodiodes and in-**pixel Sigma-Delta** modulators has ... single-bit, discrete-time **modulator** is of ...

[Related Articles](#) - [Web Search](#)

Semiconductor-based image sensor

KPE NV - [freepatentsonline.com](#)

... by at least a photo detector (or photo transistor) and an A/D converter assigned to each **pixel** in the form of a **sigma delta (SD) modulator** is known from ...

[Cached](#) - [Web Search](#)

Read-out photodiodes using **sigma-delta** oversampled analog-to-digital converters - all 3 versions »

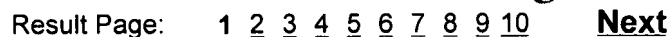
DB Ribner, MA Wu - US Patent 5,142,286, 1992 - Google Patents
 ... oversampling ratios and higher-order **sigma-delta** modulators. ... considerations set

Web Search

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